

Title (en)
Recessed light fixture

Title (de)
Einbauleuchte

Title (fr)
Appareil d'éclairage encastré

Publication
EP 1860369 A1 20071128 (EN)

Application
EP 07252175 A 20070525

Priority
US 44096106 A 20060525

Abstract (en)
A recessed light fixture including a base plate (24) mountable in an opening in a room ceiling or wall, with the base plate (24) having a front surface (26) substantially flat and aligned with the ceiling or wall surface when mounted thereon, and a light opening (48) through the base plate (24) wherein the edge (46) of the light opening (48) is a sharp edge with the back surface (50) tapering away from the front surface (26) around the light opening (48) at an angle of less than 45 degrees. A curved dome (56) is adjacent the base plate back surface (50) and centered on the light opening (48). A ring (74) is mounted to the base plate (24) for selected rotation around the light opening (48), and a support track (104) between the curved dome (56) and the base plate (24) is secured on its lower end to the ring (74) and curved up and toward the light opening (48) from its lower end. A socket support (110) is mounted for adjustable movement on the support track (104), and a light socket (70) is mounted to the socket support (110) whereby a lamp in the socket (70) emits light through the light opening (48).

IPC 8 full level
F21S 8/02 (2006.01)

CPC (source: EP US)
F21S 8/02 (2013.01 - EP US); **F21V 19/02** (2013.01 - EP US); **F21V 21/30** (2013.01 - EP US); **F21Y 2113/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
• US 6431723 B1 20020813 - SCHUBERT JOHN S [US], et al
• EP 1657486 A1 20060517 - COEMAR SPA [IT]

Citation (search report)
• [XAY] EP 1657486 A1 20060517 - COEMAR SPA [IT]
• [XA] US 2003161153 A1 20030828 - PATTI ANTHONY G [US]
• [XA] US 2003007354 A1 20030109 - SCHUBERT JOHN S [US], et al
• [YA] DE 9316780 U1 19940120 - BACKMEISTER JOERG [DE], et al
• [A] US 2597595 A 19520520 - ORDAS ARTHUR F

Cited by
US8567991B2; JP2012502431A; WO2010027913A1; US2013077305A1; EP3760922A4; EP2927565A1; US7972035B2; WO2018104341A1; US8152334B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1860369 A1 20071128; CN 101078479 A 20071128; RU 2007119339 A 20081127; US 2007274082 A1 20071129; US 7476008 B2 20090113

DOCDB simple family (application)
EP 07252175 A 20070525; CN 200710107337 A 20070525; RU 2007119339 A 20070524; US 44096106 A 20060525